

## DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below-named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name.

I believe I am the original first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **"Isotropic Dry Cleaning Process for Noble Metal Integrated Circuit Structures,"** the specification of which

(check one) ☐ is attached hereto.  
☒ was filed on June 8, 1998 as Application No. 09/093,291  
☒ and was amended on January 10, 2000, on July 10, 2000, and in an Amendment filed herewith in response to the August 28, 2000 Office Action.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by the amendments referred to above.

I acknowledge the duty to disclose information that is material to the examination and to the patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Priority Claimed  
☐ Yes ☒ No

(Number)	(Country)	(Day/Month/Year Filed)
----------	-----------	------------------------

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this specification is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

08/966,797

November 10, 1997

Patented (U.S. Patent 6,018,065)

(Application Number)

(Filing Date)

(Status-Patented, Pending, abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

**OLIVER A. ZITZMANN, REG. NO. 38,691**  
**STEVEN J. HULTQUIST, REG. NO. 28,021**

**WILLIAM A. BARRETT, REG. NO. 42,296**  
**MARIANNE FUIERER, REG. NO. 39,983**

All correspondence in connection with this application should be sent to:

**Steven J. Hultquist**  
**Intellectual Property/Technology Law**  
**P. O. Box 14329**  
**Research Triangle Park, NC 27709**  
**Telephone: (919) 419-9350**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of sole or first inventor: **Peter C. Van Buskirk**  
 Inventor's Signature *Peter C. Van Buskirk* Date 12/4/00  
 Residence: 18 Poverty Hollow Rd., Newtown, Connecticut 06470  
 Citizenship: USA  
 Post Office Address: 18 Poverty Hollow Rd., Newtown, Connecticut 06470

Full Name of sole or second inventor: **Frank DiMeo, Jr.**  
 Inventor's Signature *Frank DiMeo* Date 11/30/00  
 Residence: ~~(126 Willow Springs, New Milford, Connecticut 06776)~~ **24 CROWS NEST LANE, 196** *FOI*  
 Citizenship: USA **DANBURY, CT 06810**  
 Post Office Address: ~~(126 Willow Springs, New Milford, Connecticut 06776)~~ *FOI*

Full Name of sole or third inventor: **Peter S. Kirlin**  
 Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_  
 Residence: 2604 Chalk Knoll Cove, Austin, TX 78735  
 Citizenship: USA  
 Post Office Address: 2604 Chalk Knoll Cove, Austin, TX 78735

11/29/00 15:00

ATMI-LEGAL

00002

Docket No. 2771-272

WILLIAM A. BARRETT, REG. NO. 42,296  
MARIANNE FUERER, REG. NO. 39,983

All correspondence in connection with this application should be sent to:

Steven J. Hultquist  
Intellectual Property/Technology Law  
P. O. Box 14329  
Research Triangle Park, NC 27709  
Telephone: (919) 419-9350

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of sole or first inventor: Peter C. Van Buskirk

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence: 18 Poverty Hollow Rd., Newtown, Connecticut 06470

Citizenship: USA

Post Office Address: 18 Poverty Hollow Rd., Newtown, Connecticut 06470

Full Name of sole or second inventor: Frank DiMeo, Jr.

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence: 126 Willow Springs, New Milford, Connecticut 06776

Citizenship: USA

Post Office Address: 126 Willow Springs, New Milford, Connecticut 06776

Full Name of sole or third inventor: Peter S. Knoll

Inventor's Signature  Date 11-29-00

Residence: 2604 Chalk Knoll Cove, Austin, TX 78735

Citizenship: USA

Post Office Address: 2604 Chalk Knoll Cove, Austin, TX 78735

Full Name of sole or fourth inventor : **Thomas H. Baum**

Inventor's Signature Thomas H. Baum Date 11-30-00

Residence: 2 Handol Lane, New Fairfield, Connecticut 06812

Citizenship: USA

Post Office Address: 2 Handol Lane, New Fairfield, Connecticut 06812

## ASSIGNMENT

We have made an invention described in the U.S. Patent Application entitled **"ISOTROPIC DRY CLEANING PROCESS FOR NOBLE METAL INTEGRATED CIRCUIT STRUCTURES"** which has been executed by us on the same date as this Assignment for filing in the United States Patent and Trademark Office.

We assign to Advanced Technology Materials, Inc., 7 Commerce Drive, Danbury, Connecticut 06810, all of our ownership and rights in:

- (i) the invention and U.S. Patent Application;
- (ii) U.S. Patents on the invention; and
- (iii) corresponding foreign patent applications and patents.

We are making this assignment based on our employment relationship with Advanced Technology Materials, Inc.

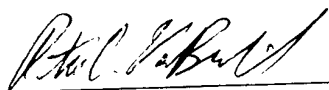
We request the Commissioner of Patents and Trademarks of the United States and the appropriate officers of all foreign countries to issue patents on the invention to Advanced Technology Materials, Inc.

We agree to execute any other legal documents that may be required to effectuate this Assignment.

We agree that we will promptly communicate to Advanced Technology Materials, Inc. all facts which come to our attention affecting the invention or patent rights.

We agree that we will testify in any interference or litigation involving the invention or patent rights.

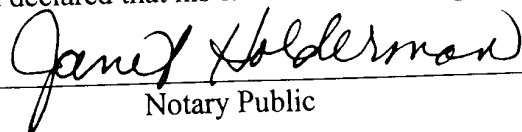
We state that we have not previously taken any action in conflict with this Assignment.



Peter C. Van Buskirk

6/8/98  
Date
State: *Connecticut*County: *Fairfield*

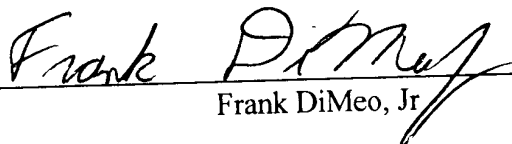
Peter C. Van Buskirk appeared before me on June 8, 1998. He declared to me that he is the person described in this Assignment. He executed this Assignment before me, and declared that his execution was completely voluntary.



Notary Public

(SEAL)

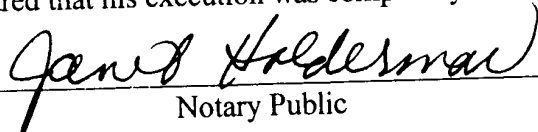
My commission expires on:

4-30-02


Frank DiMeo, Jr.

6/8/98  
Date
State: *Connecticut*County: *Fairfield*

Frank DiMeo, Jr. appeared before me on June 8, 1998. He declared to me that he is the person described in this Assignment. He executed this Assignment before me, and declared that his execution was completely voluntary.

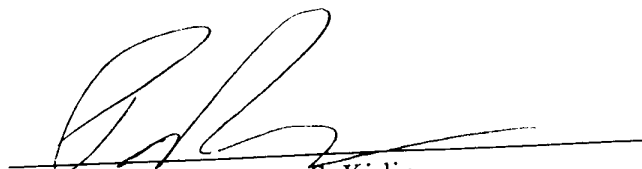


Notary Public

(SEAL)

My commission expires on:

4-30-02

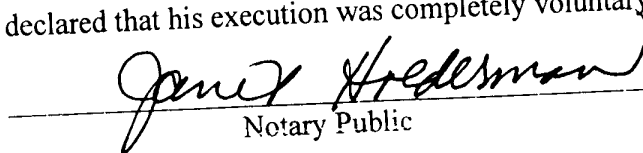
  
 Peter S. Kirlin

6/8/98  
 Date

State: *Connecticut*

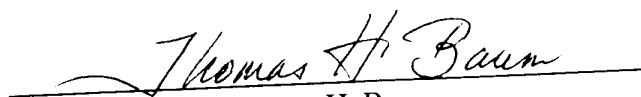
County: *Fairfield*

Peter S. Kirlin appeared before me on June 8, 1998. He declared to me that he is the person described in this Assignment. He executed this Assignment before me, and declared that his execution was completely voluntary.

  
 Notary Public

(SEAL)

My commission expires on:  
4-30-02

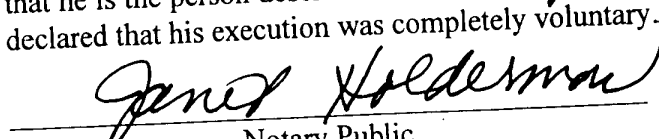
  
 Thomas H. Baum

6-8-98  
 Date

State: *Connecticut*

County: *Fairfield*

Thomas H. Baum appeared before me on June 8, 1998. He declared to me that he is the person described in this Assignment. He executed this Assignment before me, and declared that his execution was completely voluntary.

  
 Notary Public

(SEAL)

My commission expires on:  
4-30-02